

**A2
Cont.**
[Please amend claim 5 to read as follows:]

Claim 5. The combination of claim 4, wherein the ink printer cartridge lid has two protrusions extending upward from the lid.

REMARKS

Drawings with added reference characters are included herewith, with proposed changes shown in red ink. Most of the examiner's comments regarding the drawings are not understood—the drawings as filed show the reference character for everything claimed, albeit not in every single drawing. Of course, that is not required. (The pressing means is the vertical tabs—see Fig.

Regarding claim 2, the examiner asked "How can one protrusion be two protrusions?" That is not a relevant question, because claim 1 specifies AT LEAST ONE PROTRUSION. It should be obvious that "at least one" of anything can be "two" of anything. For example, the following statements are both true: (1) everyone has at least one parent, and (2) everyone has two parents.

It is not believed that claim 4 was indefinite as filed, but it has been amended in an effort to address the examiner's concerns. The combination of course comprises everything that is recited, and now includes the word "comprising."

In claim 5, the protrusions are the same as in claim 4, and the claim has been slightly reworded to more clearly reflect that.

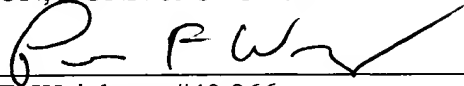
The examiner is requested to withdraw the refusal based on Amano (US 6,027,208). Amano shows precisely the OPPOSITE of what is disclosed and claimed in the present application. Amano does not disclose a printhead having a camming shoe having a pressing means which includes a series of vertically oriented spaced tabs. The portion of Amano which the examiner apparently considered to be the camming shoe is the portion that abuts 31 of Fig. 2. But that is a hole, not a tab. See Col. 8, line 6. A hole is the opposite of a tab. In addition to this fundamental difference, there are many other differences. Whatever the examiner considers to be the camming shoe in Amano, it must engage the cartridge (or else how would it cam?). An object of the present invention is to supply a cartridge that does not use a camming shoe, as an alternative to a "normal" cartridge which would use the camming shoe.

Thus, Amano does not satisfy the limitation of "the protrusion engages the printhead interior surface and no part of the base and lid engage the camming shoe." Further, there is no suggestion to modify Amano to result in the present invention.

Favorable reconsideration is requested.

Respectfully submitted,

GIBSON, DUNN & CRUTCHER LLP

A handwritten signature in black ink, appearing to read 'PFW', is written over a horizontal line.

Peter F. Weinberg, #40,866

1801 California Street, Suite 4100

Denver, CO 80202

Telephone: 303-298-5901

Enc. Postcard Receipt

MARKED UP COPY OF REVISED PARAGRAPH OF SPECIFICATION

FIG. 8 shows a section view of the black ink cartridge and tri-color cartridge after they have been fully inserted within the printhead 5. This view illustrates the engagement of the black ink cartridge and tri-color cartridge with the printhead 5. As can be seen, the lid 2 has a primary surface that does not contact the camming shoe (denoted 5a) of the printhead 45, so there is a clear space therebetween. As can be seen, the camming shoe comprises a series of vertically spaced tabs which extend downward from the interior surface of the top of the printhead, denoted 5ab. Instead, the features 2a contact the interior surface 5b of the top of the printhead 5. As shown in the drawings, the features 2a are offset from the spaced tabs 5b and have a sufficient length to contact surface 5b. The black ink cartridge is sized so that engagement of the features 2a with the surface 5b causes a press fit of the cartridge within the printhead 5, therefore allowing proper printing to occur.

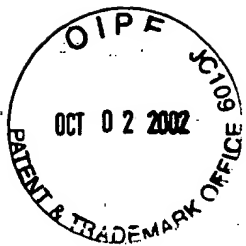
MARKED UP COPY OF NEW CLAIMS

Please amend claim 4 to read as follows:

Claim 4. ~~In~~The combination comprising; an ink printer printhead having an interior surface and a camming shoe extending downward from the interior surface, the camming shoe having a pressing means which includes a series of vertically oriented spaced tabs having clear spaces therebetween; and an ink printer cartridge having a base and a lid attached to the base, the lid having at least one protrusion extending upward from the lid so that when the base is fully inserted within the printhead, the protrusion engages the printhead interior surface and no part of the base and lid engage the camming shoe.

Claim 5. The combination of claim 4, wherein the ink printer cartridge lid has two protrusions extending upward from the lid.

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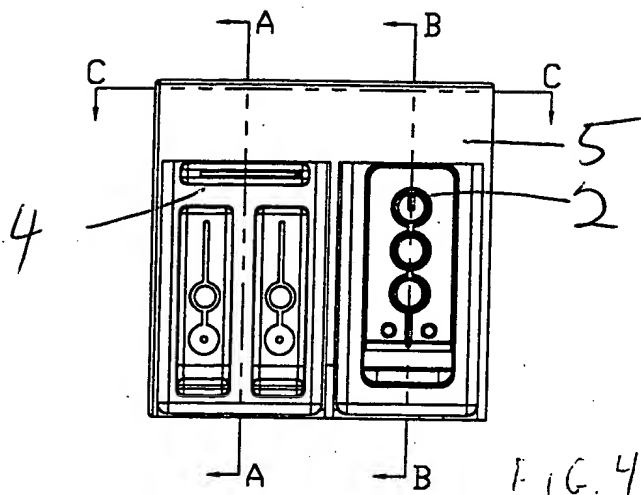


FIG. 4

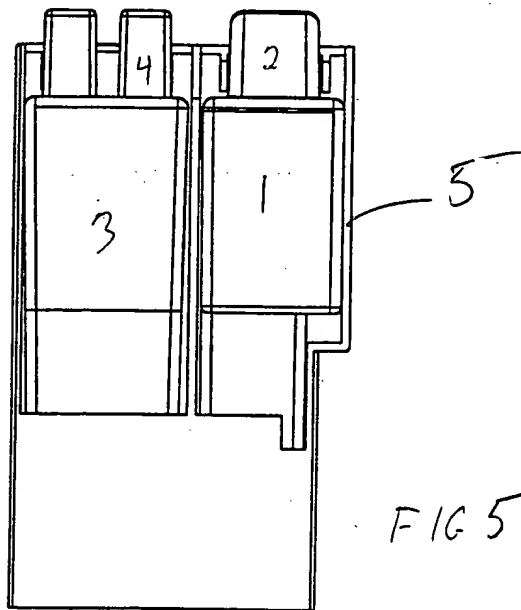
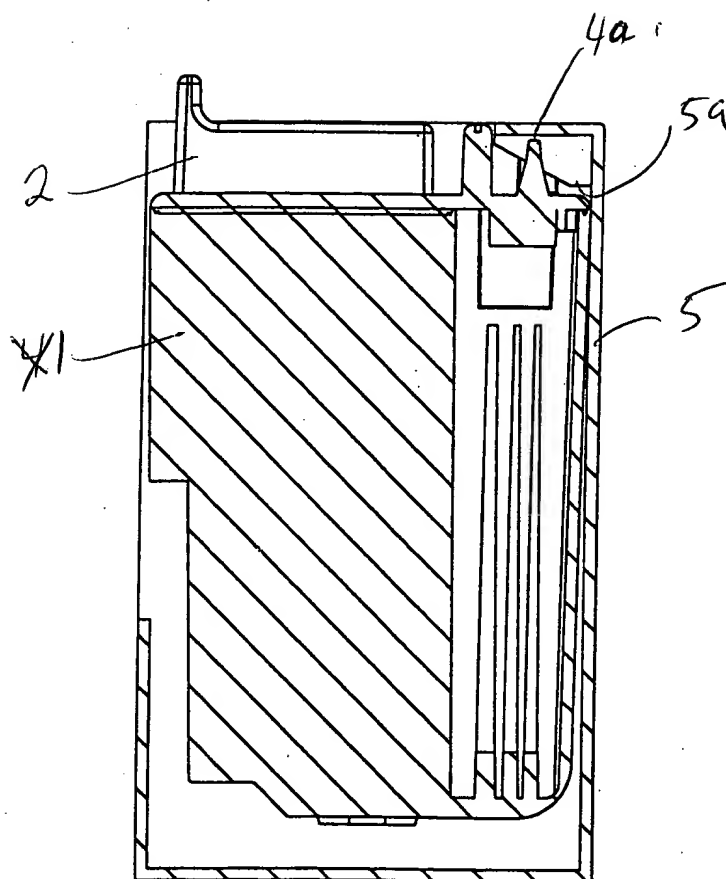


FIG 5

~~Disapproved~~
~~Ans 12/3/02~~

Approved
Ans 12/8/03

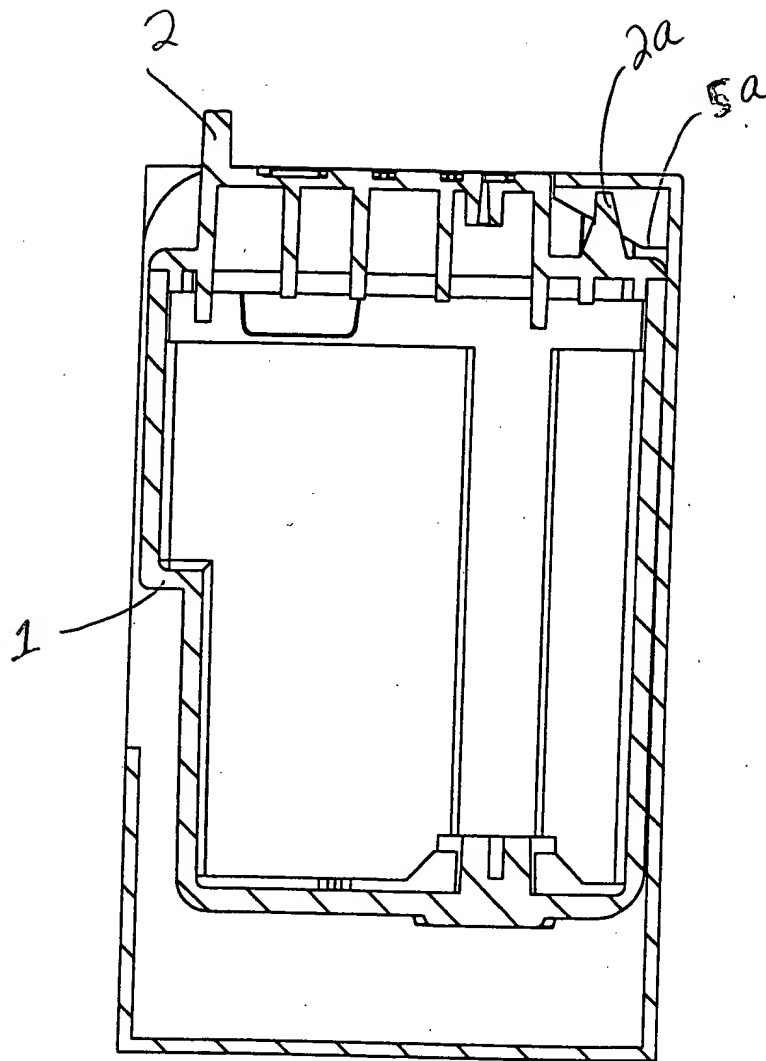


SECTION A-A

FIG 6

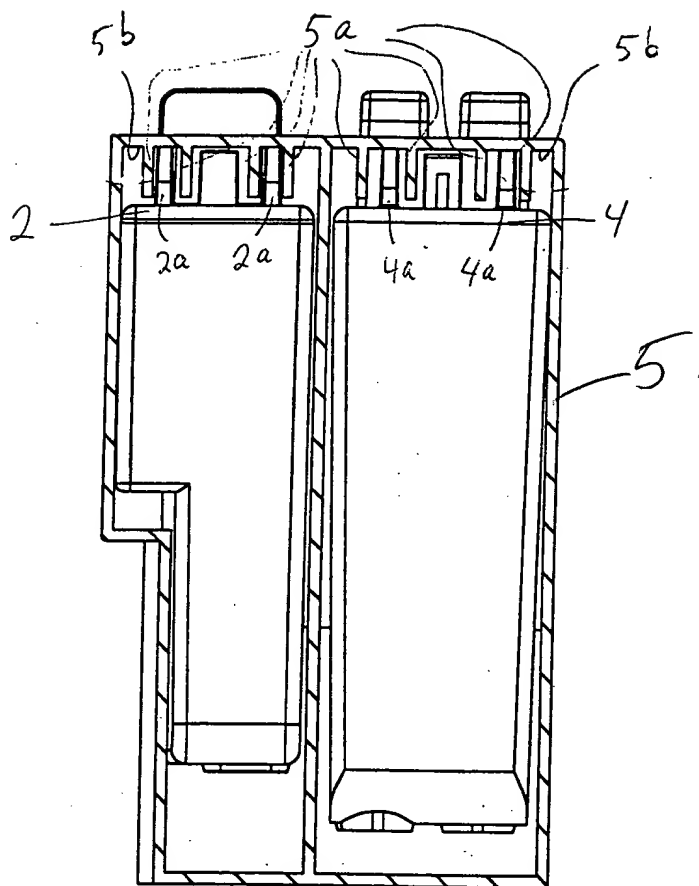
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SECTION B-B FIG. 7



SECTION C-C FIG. 8

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